

## **INTERNALLY POWERED CSF PUMP SYSTEMS AND METHODS**

### **ABSTRACT OF THE DISCLOSURE**

A method for treating a patient for adult-onset dementia of the Alzheimer's type by removing a portion of the patient's cerebrospinal fluid, preferably (although not necessarily) by transporting the fluid to another portion of the patient's body. The invention also provides an apparatus for removing cerebrospinal fluid including (1) a conduit with a first opening and a second opening, the first opening of the conduit being adapted to be disposed in fluid communication with a space within a patient's subarachnoid space, the second opening being adapted to be disposed in fluid communication with another portion of the patient's body; and (2) a flow rate control device attached to the conduit.

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